

Amendments to the Drawings:

Please amend Fig. 2, by replacing numeral 7 with numeral 37 and by replacing one instance of numeral 52 with numeral 52 to make the numerals consistent with the description in the Specification. A marked-up copy of the drawing sheet is attached as is a replacement sheet.

Please amend Fig. 4 to add the reference numerals 100, 125, and 130 to make the figure consistent with the Specification. A marked-up copy of the drawing sheet is attached as is a replacement sheet.

REMARKS

The specification has been amended to an obvious misuse of a reference numeral when referring to a part in Fig. 1. Figures 1 and 4 have been amended to conform to the specification.

Claim Rejections – 35 U.S.C. § 102

1. The rejection of claims 1-5, 7-10, and 14 under 35 U.S.C. § 102(b) as being anticipated by *White* (U.S. Patent No. 3,575,069) and the rejection of claims 1-5, 7-10, and 14 under 35 U.S.C. § 102(e) as being anticipated by FIG. 1 of *Shu-Sui et al.* (U.S. Patent No. 7,082,860) are respectfully traversed.

White and FIG. 1 of *Shu-Sui et al.* clearly fail to teach or suggest each element of independent claim 1. At a minimum, neither *White* nor FIG. 1 of *Shu-Sui et al.* teach or suggest a wheel being separately formed from the drive-stud element, as the Examiner recognizes by the lack of a rejection of claim 16. Because these references do not anticipate or render obvious claim 1, they cannot anticipate or render obvious any of the claims depending from claim 1. Withdrawal of the rejection is requested.

2. The rejection of claims 1-5, 7-10, 12, 16, 18, 19, and 22 under 35 U.S.C. § 102(b) as being anticipated by *Blank* (U.S. Patent No. 4,054,067) and the rejection of claims 1-5, 7-10, 12, 16, 18, 19, 23, and 26-28 under 35 U.S.C. § 102(e) as being anticipated by *Huang* (U.S. Patent Publication No. US 2003/0131692 A1) are respectfully traversed.

Neither *Blank* nor *Huang* teach or suggest a wheel having a recess. In addition, *Huang* does not teach or suggest a one-way drive transmitting wheel extending farther than the load-bearing surface from the axis, as required by claim 1. Therefore, withdrawal of these grounds of rejection is respectfully requested.

Claim Rejections – 35 U.S.C. § 103

1. The rejection of dependent claim 13 under 35 U.S.C. § 103(a) as being unpatentable over *White* in view of the knowledge available to one of ordinary skill in the art, the rejection of dependent claims 13, 17, 24, and 25 under 35 U.S.C. § 103(a) as being unpatentable over *Blank* or *Huang* in view of the knowledge available to one of ordinary skill in the art, the rejection of dependent claim 6 under 35 U.S.C. § 103(a) as

being unpatentable over *White*, *Blank* or *Huang* in view of *Myers* (U.S. Patent No. 3,823,625), the rejection of dependent claim 11 under 35 U.S.C. § 103(a) as being unpatentable over *White* in view of *Matsubara et al.* (U.S. Patent No. 5,596,913), the rejection of dependent claim 20 under 35 U.S.C. § 103(a) as being unpatentable over *Blank* or *Huang* in view of *Matsubara et al.*, the rejection of dependent claim 15 under 35 U.S.C. § 103(a) as being unpatentable over *White* in view of *Roberts et al.* (U.S. Patent No. 6,182,536) or *Chiu* (U.S. Patent Publication No. US 2003/0121371 A1), and the rejection of dependent claim 21 under 35 U.S.C. § 103(a) as being unpatentable over *Blank* or *Huang* in view of *Roberts et al.* or *Chiu* are now moot.

Each of these rejected claims depends directly or indirectly from independent claim 1 or independent claim 16. As noted in the remarks above, each of *White*, *Blank*, and *Huang* fails to teach or suggest all of the elements of independent claims 1 and 16. Moreover, the deficiencies of those references are not remedied by *Myers*, *Matsubara et al.*, *Roberts et al.* or *Chiu*, which likewise fail to teach or suggest all of the recited elements. Accordingly, withdrawal of the rejection is respectfully requested.

2. The rejection of claims 29 and 30 under 35 U.S.C. § 102(b) as being anticipated by *Garrett* (US 5,152,196) is respectfully traversed. Claim 29 now requires structural elements not shown or suggested by *Garrett*. Accordingly, withdrawal of this rejection is respectfully requested.

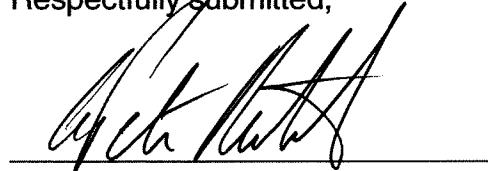
Conclusion

In view of the Amendment and Remarks set forth above, Applicant respectfully submits that the claimed invention is in condition for allowance. If, however, the Examiner does not believe the above puts the claims in condition to be allowed, then Applicant requests the Examiner to specifically point out the basis for each rejection, including identifying of each structure in the prior art that teaches or suggests the corresponding structure in the present claims. Applicant cannot agree with the Examiner's contention that "the art of record speaks for itself and requires no further explanation from the examiner". Obviously, how the Applicant views the art of record differs from how the Examiner views the art.

US Appln. No. 10/580,775
Response to Office Action
Mailed September 13, 2007

If for any reason the Examiner feels that the above Amendment and Remarks do not put the claims in condition to be allowed, and that a discussion would be helpful to advance prosecution, it is respectfully requested that the Examiner contact Greg Zayia at (312)-321-4257 or the undersigned at (312) 321-4276

Respectfully submitted,



G. Peter Nichols
Registration No. 34,401
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, ILLINOIS 60610
(312) 321-4200

Marked Up Sheet

FIG. I

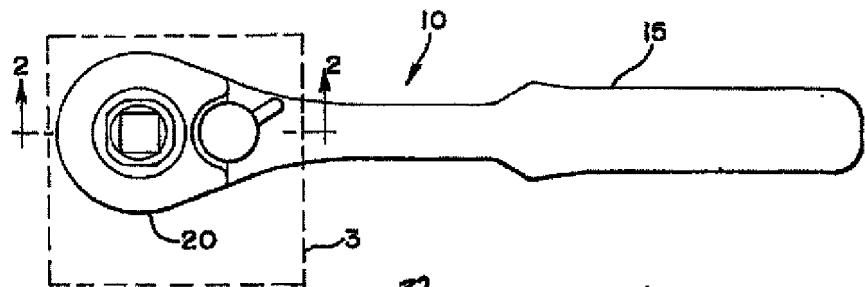


FIG.2

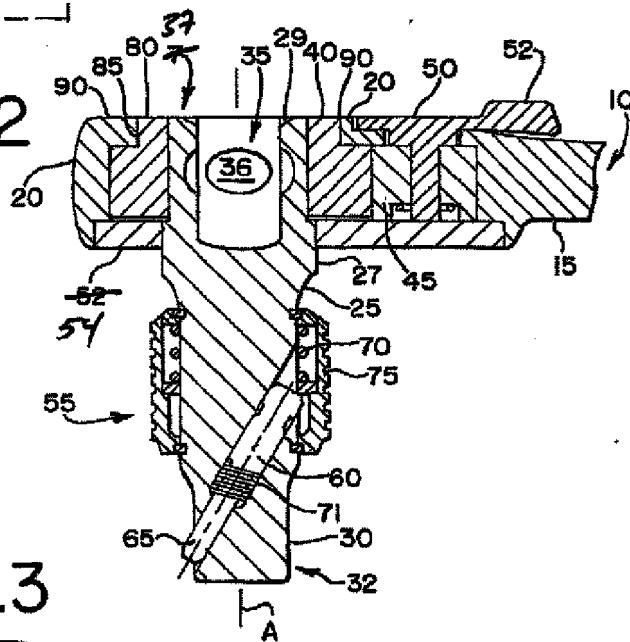
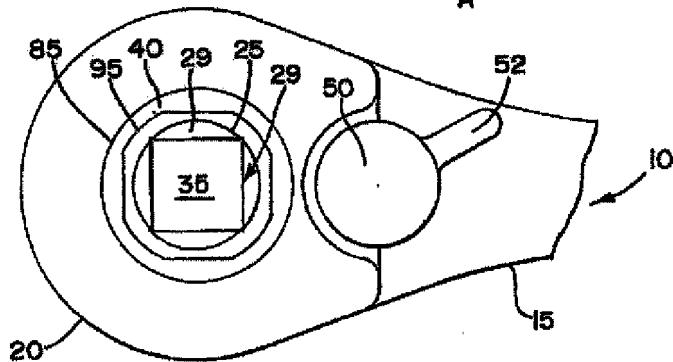


FIG.3



Marked Up Sheet

FIG.4

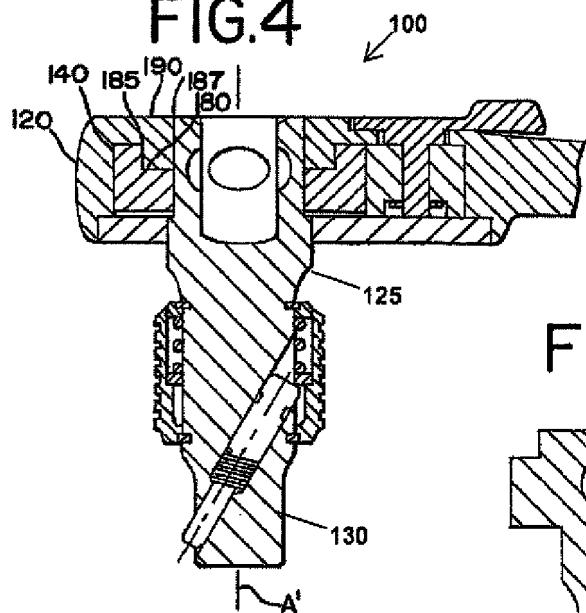


FIG.5

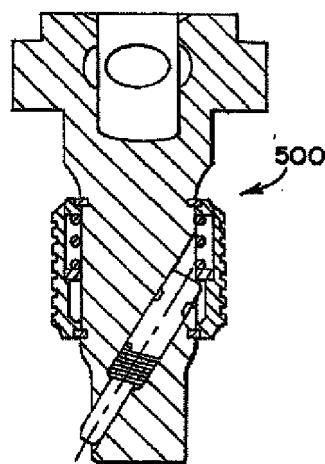


FIG.6

